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Title: **JP2000259334A2: COORDINATE INPUT PEN**Derwent Title: Coordinate input pen rotates the light reflected from reflecting member emitted by light emitting element ([Derwent Record](#))Country: **JP Japan**Kind: **A2 Document Laid open to Public inspection**Inventor: **SHINDO MIKIO;**Assignee: **PLUS PROPERTY CORP**
[News, Profiles, Stocks and More about this company](#)Published / Filed: **2000-09-22 / 1999-03-05**Application Number: **JP1999000058000**IPC Code: Advanced: **G06F 3/03; G06F 3/033;**
Core: more...
IPC-7: **G06F 3/03; G06F 3/033;**Priority Number: **1999-03-05 JP1999000058000**Abstract: **PROBLEM TO BE SOLVED:** To supply the highly precise coordinate input pen of high resolution with which erroneous inputs by a hand are avoided, to simplify its constitution, to reduce its cost and to prevent an optical path for detection from becoming long by reducing the number of light emitting elements.**SOLUTION:** A laser diode 21, a rotatable reflection chip 17 reflecting irradiation light, a motor 13 rotating the reflection chip 17, a tact switch 27 driving the laser diode 21 and the motor 13 by turning them in interlocking with a writing chip 15 touching a screen and a substrate 22 for forming the driving circuit of the laser diode 21. The reflected light of light irradiated from the laser diode 21 is rotated in a plane which is almost parallel to a screen surface with the rotation of the reflection chip 15.**COPYRIGHT: (C)2000,JPO**Family: **None**Other Abstract Info: **DERABS G2000-633360 DERABS G2000-633360**[Nominate this for the Gallery...](#)**THOMSON**

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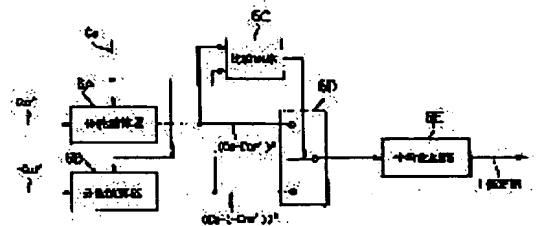
(72)Inventor : YOKOTA YUICHI

(54) SIGNAL-TO-INTERFERENCE WAVE POWER RATIO OBSERVING DEVICE AND COMMUNICATION TERMINAL EQUIPMENT

(57)Abstract:

PROBLEM TO BE SOLVED: To exactly estimate interference wave power by finding the variance of a correlation value to a channel estimate, finding the variance for sign inversion value of the correlation value to the channel estimate, defining the smaller of the two variances as effective data and defining the average value of the effective data as the estimate of the interference wave power.

SOLUTION: When all the bits of a pilot channel are '+1', the variance value $[(Ce(\text{channel estimate}) - Cor'(\text{correlation value}))^2]$ outputted by a variance computing element 6A gets smaller than a value $[Ce(-Cor'(\text{correlation value sign inverted by a sign inverter 5}))^2]$ outputted by a variance computing element 6B, a variance value $[(Ce - Cor')^2]$ is given to an averaging circuit 6E as effective data and the estimate of a correlator 1 is obtained. When the data of the pilot channel are '-1', at a TPC bit excluding section, the variance value $[(Ce - (-Cor'))^2]$ outputted from the variance computing element 6A is applied to the averaging circuit 6E as the effective data.



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